

QUALITY WORKMANSHIP, PROMPT AND EFFICIENT SERVICE



SWITCHBOARDS & CONTROL PANELS • POWER FACTOR CORRECTION • SURGE DIVERSION
CIRCUIT BREAKERS & MAIN SWITCHES • GENERATOR INPUTS • CHANGE OVER SWITCHES
UPS & MOTOR CONTROL • CT METERING & DIGITAL DISPLAYS • MOTOR DRIVES



OFFERING

- Control & Automation
- Power Quality Solutions
- Metering and IP Metering
- Custom Modular Switchboards
- Power System Services & Analysis
- Power Distribution & Circuit Protection



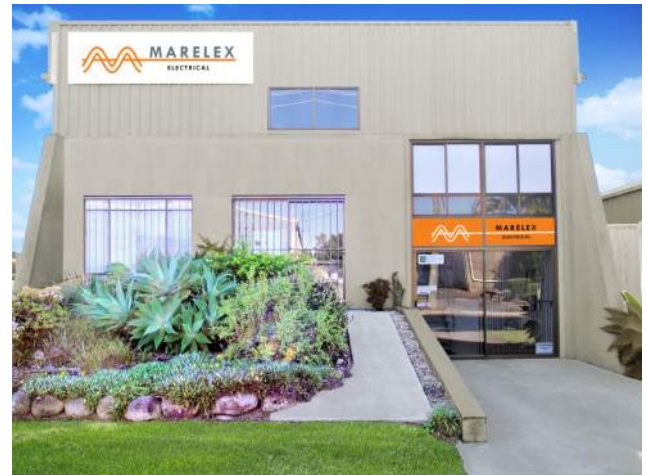
30 YEARS STRONG AND COUNTING...

Marelex Electrical is an Australian owned and operated electrical engineering company that has been in service for 30 Years.

Headed up by Brad Harrang, our small team of highly qualified electricians and engineers are committed to the task of providing cost competitive, functional and enduring solutions.

We work closely with our customers to determine the best layout and design prior to manufacture. This minimises the need for onsite modifications resulting in reduced project outlay.

Small or Large Scale Low voltage Electrical Switchboards are our specialty.





CUSTOM MADE CONTROL PANELS
Incorporating: PLC's, Relays, Contactors

**SPECIALIZING IN
MOTOR CONTROL CENTRES FOR:**

- Sewage Pump Stations
- Water Treatment Plants
- Water Pumping Stations
- Sewage Treatment Plants

CONTROL & AUTOMATION

We make water/sewage pump stations for local Councils. Our Council Pump Station Switchboards and Control Panels are locally made and renowned for excellence in quality, function and afford ability.

Made from light weight aluminum, they are built to last and require virtually no maintenance.

All Switchboard and Meter components are expertly fitted and air vents built in to provide cooling. All vents are protected from vermin and insects with Termimesh and aluminium screens.

The custom engineered design provides flexibility to ideally match a solution to your specific circumstances and our expert team is always on hand to help with installation and final testing.



NON CORROSIVE

Light weight Aluminium
frame & Casing.

VISUAL ALERTS

L.E.D. BEACON FLASHES
IN FAULT MODE.

TAMPER ALERTS

On External Doors
Scada & PLC Ready

VENTILATION

With Termimesh &
Aluminium Screening

INTEGRATED SHADE

Customised To
Your Location



FEATURES

- Power Filters ○
- Main Switches ○
- Surge Diverters ○
- B & R Assemblies ○
- Elsteel Assemblies ○
- Multifunction Meters ○
- Metering IP to Modbus ○
- Power Factor Correction ○
- Custom MSB's Made to Order ○
- Large & Small Circuit Breakers ○
- 3 Phase & 1 Phase Direct Metering ○
- 3 Phase & 1 Phase Private Metering ○
- Generator Inputs & Change Over Switches ○





POWER DISTRIBUTION & CIRCUIT PROTECTION

Marelex Electrical provides excellence in Power Distribution and Circuit Protection solutions for a wide range of electrical applications.

Our custom design and manufacturing of Main Switch Boards includes individual components to keep your equipment safe.

With years of experience our highly qualified team is able to identify which components and configurations are needed to provide the optimal solution for your exact requirements.



SWITCHGEAR

High Quality
Schneider or NHP

LOCALLY MADE

Cabinets and
Enclosures

MAINTENANCE FREE

All Aluminium
Enclosures



APPLICATIONS

- UPS Applications ○
- Main Switchboards ○
- Distribution Switchboards ○
- Motor Control Centers (MCC) ○
- Power Factor Correction Centers ○
- MSSB (Mechanical Services Switchboards) ○

THE BEST TECHNICAL SOLUTION AT THE BEST POSSIBLE PRICE



CUSTOM MODULAR SWITCHBOARDS

Marelex also assembles motor control centres & main switchboards using B & R Signature Range and Elsteel Kitset for larger high current applications.

These high strength, low weight enclosures can accommodate all brands of electrical equipment and are arguably the most tested systems in the world, providing state of the art safety and practicality.

The form 3 + 4 protection features allow easy access to a single section while others remain live, saving time without compromising safety. Arc Filters are included in the design for added security.

For mains, distribution switchboards or MSSB and Motor control, especially unique installations or greater flexibility, our B & R and Elsteel solutions are second to none.



MICRO MODULAR

For fine tuned
application control

ROBUST

High Strength,
Low Weight

DURABLE

Smooth powder coated
finish

VERIFIED

Design verified and
type tested

PROTECTED

Ingress protection &
Liquid Safe

CALL: 02 6621 5221



PRODUCTS

- Technical Help ○
- Control & Flex Cabling ○
- Polycarbonate cut & folded ○
- Bakelite Switch Panels cut to size ○
- Copper Bar cut, punched & shaped to length ○
- Stainless Steel & Aluminium Boxes made to order ○
- Sales of enclosures, programming of Soft Starters & Variable Speed Drives ○
- Laser Engraved Switchboard Lables in any colour and up to 305 x 405mm in size ○



MANUFACTURED COMPONENTS

At Marelex we not only pride ourselves in the quality of our workmanship, but also in our choice of materials and as electricians ourselves, we understand how important it is to have fast access to the highest standard of electrical components.

But not all electrical components are suitable “off the shelf”, so our manufacturing service fills the gaps by fine tuning hardware and equipment for specific usage.

From stainless steel & aluminium boxes made to order through to our in house laser etched switchboard labels and precision shaped copper bar, Marelex is here to help electrical contractors and tradesman achieve their projects on time and on budget.

Our manufacturing service is also backed up by expert advice and qualified technical support that’s prompt, friendly and accessible.



FOR TRADE, CORPORATE, GOVERNMENT & CONTRACT ELECTRICIANS

CALL: 02 6621 5221



SERVICES

- On site inspections
- Generator Systems
- Power Control Design
- Consultation & Advice
- One off CAD Drawings
- Power Factor Correction
- Uninterruptable Power Supply (UPS)
- Solar Power Generation & Management



POWER SYSTEM ANALYSIS & SERVICES

Our core business is the design and in house manufacture of premium power control and switchboard solutions.

Ancillary to this task, our expertise in electrical engineering and design is available to you through our consultancy service.

From one off CAD drawings, to full on site inspections and energy audits, we are ready and able to help.

Our intention is to foster enduring, meaningful and productive relationships with our clients and to this extent, the full gamut of our skill, experience and expertise is immediately available to you on request.



CAD DRAWINGS
Technically Correct



THERMAL SCANS
Electrical Diagnostics



POWER FACTOR
As standard or Retrofitted



ENERGY AUDITS
Comprehensive Reporting



COMPLETE SOLUTIONS
Electrical Engineering



Brad Harrang
DIRECTOR

Tel: 02 6621 5221
Mob: 0402 190 290
E: brad@marelex.com.au

Tony Lees
BUSINESS DEVELOPMENT

Tel: 02 6621 5221
Mob: 0428 255 337
E: tony@marelex.com.au

Keith Fry B.Sc.E.
ELECTRICAL ENGINEER

Tel: 02 6621 5221
E: keith@marelex.com.au



www.linkedin.com/in/bradharrang



www.facebook.com/MarelexElectrical



www.instagram.com/marelex8632/

19 Snow Street
South Lismore NSW, 2480
T: 02 6621 5221
E: admin@marelex.com.au
W: marelexelectrical.com.au



Disclaimer & Terms of Use

This brochure has been prepared for the benefit and usage of Marelex Electrical customers and only as a general reference. Marelex Electrical reserves the right to remove or amend any information presented including services, specifications, products and equipment without notice or liability.

Marelex Electrical, it's principles, employees or service providers do not accept any responsibility or liability as permitted by law for errors or inaccuracies that may be present in this brochure, through negligence or from any other cause. This publication is protected by copyright and may not be reproduced or copied (using any method of reproduction or copying), sold, transmitted, circulated or otherwise forwarded to third parties, in whole or part, without prior written consent of the author. All trademarks and product names presented in this brochure remain the property of their respective owners. For a complete Terms of Use and Disclaimer statement, please visit our website: www.marelexelectrical.com.au.



CUSTOM PUMP STATIONS ARE OUR SPECIALTY

www.marelexelectrical.com.au